



Aircraft movement statistics

Transport Canada

TP 1496

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Aircraft Movement Statistics November 2005 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 317,348 aircraft take-offs and landings in November, down 9.8% compared with November 2004 (352,016 movements). Year-over-year decreases in aircraft movements were reported by 31 of the airports in November 2005. The variations ranged from 60.7% at St-Jean, Quebec to -41.5% at Edmonton/Villeneuve.

Itinerant movements (flights from one airport to another) decreased by 7.2% (-17,379 movements) in November compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) decreased by 15.7% (-17,289 movements) in November compared with November 2004.

The top 10 airports in terms of volumes of itinerant movements in November showed year-over-year variations ranging from a 4.7% increase (+390 movements) at Edmonton International to a decline of 21.0% (-1,454 movements) at Quebec/Jean Lesage International. Of the top 10 airports, 3 recorded increases in itinerant movements compared with 5 airports in October 2005.

The top 10 airports in terms of local movements showed year-over-year variations ranging from a 20.5% increase (+1,568 movements) at Abbotsford to a decline of 50.1% (-3,720 movements) at Thunder Bay. Of the top 10 airports, 5 recorded increases in local movements compared with 5 airports in October 2005.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 - Volume 2. Upon release, the TP141 reports are available (free) on-line at <http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm>

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: aviationstatistics@statcan.ca

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Note of appreciation

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Aircraft Movements by Class of Operation - November - Preliminary, Airports with NAV CANADA Towers

Airports	2004 Total	2005 Total	% change 2005 / 2004	2005 Itinerant	2005 Local
Abbotsford	12,217	13,810	13.0	4,590	9,220
Boundary Bay	12,419	12,470	0.4	4,142	8,328
Calgary International	17,876	18,163	1.6	17,948	215
Calgary/Springbank	10,784	10,348	-4.0	3,966	6,382
Chicoutimi/St-Honoré	4,575	5,022	9.8	1,444	3,578
Edmonton City Centre	6,158	6,025	-2.2	5,347	678
Edmonton International	9,124	9,443	3.5	8,615	828
Edmonton/Villeneuve	6,600	3,857	-41.6	968	2,889
Gander International	2,483	2,803	12.9	2,107	696
Halifax International	6,504	6,572	1.0	5,690	882
Hamilton	6,911	5,405	-21.8	3,477	1,928
Kelowna	5,586	5,458	-2.3	3,523	1,935
Kitchener/Waterloo	8,364	6,224	-25.6	2,982	3,242
Langley	5,839	4,535	-22.3	1,565	2,970
London	7,812	6,228	-20.3	3,705	2,523
Moncton/Greater Moncton International	5,123	6,334	23.6	3,852	2,482
Montréal/Mirabel International	2,503	2,204	-11.9	1,667	537
Montréal/Pierre Elliott Trudeau International	16,440	16,845	2.5	16,845	0
Montréal/St-Hubert	12,886	7,620	-40.9	3,877	3,743
Oshawa	5,211	3,880	-25.5	1,658	2,222
Ottawa/Macdonald-Cartier International	13,074	10,828	-17.2	8,788	2,040
Pitt Meadows	5,592	5,376	-3.9	2,046	3,330
Prince George	4,621	4,140	-10.4	2,202	1,938
Québec/Jean Lesage International	9,371	7,049	-24.8	5,473	1,576
Regina International	4,309	3,640	-15.5	3,108	532
Saskatoon/John G Diefenbaker International	7,606	7,488	-1.6	4,432	3,056
Sault Ste. Marie	4,945	2,944	-40.5	1,436	1,508
St. John's International	4,291	3,481	-18.9	3,063	418
St-Jean	1,202	1,932	60.7	1,224	708
Sudbury	2,639	2,169	-17.8	2,025	144
Thunder Bay	13,120	8,158	-37.8	4,460	3,698
Toronto/Buttonville Municipal	13,460	11,091	-17.6	4,993	6,098
Toronto/City Centre	5,362	4,719	-12.0	2,341	2,378
Toronto/Lester B Pearson International	33,111	32,125	-3.0	32,125	0
Vancouver Harbour	2,572	3,098	20.5	3,042	56
Vancouver International	23,907	21,979	-8.1	21,979	0
Victoria International	10,645	10,233	-3.9	6,147	4,086
Whitehorse International	1,179	918	-22.1	650	268
Windsor	2,767	1,999	-27.8	1,345	654
Winnipeg International	11,262	10,786	-4.2	10,014	772
Winnipeg/St. Andrews	6,428	5,211	-18.9	2,185	3,026
Yellowknife	5,138	4,738	-7.8	3,346	1,392
Total (42)	352,016	317,348	-9.8	224,392	92,956

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units with an "Air Traffic Designators" handbook (TP-143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. Data errors caused during transcription and transmission on the NAV CANADA Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents. The data in the bank include registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- P preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

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